Work Orde Thursday, July 0				*103	3925*						Page 1
Item ID: Revision ID:	D3920-041			Accept	*N900	040	100)* s	Setup Star	*N	S1*
Item Name:	Seatbelt Guide 7/4/2013 7/18/2013	Start Qty: 6.00 Req'd Qty: 6.00	*6* *6*		Cust Item Customer:				Stop	*N	S2*
Approvals:		an: MK	Date: 13-7-4 Date:	Tooling: SPC (Y/N):		ate:		R	Run Star Stop		R1* R2*
Sequence ID/ Work Center II)	Operation Description		Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp.
Draw Nbr	Rev	ision Nbr									
D3920	В										
110		Pick Kit		0.00							* * * * * * * * * * * * * * * * * * * *
110 Packaging Packaging		Memo	,	0.00					3) B-0	1-15	lD: J
120		Weld per dwg A/R Alui	ninum rod Batch: <u>HQ</u> SV	3\ 0.00							
120 Large Fab Large Fab		Memo		0.00					3) 13	·07 -15	<u>PD</u>
				.							DAS.
*1 30 *1 30*		QC9- Inspect visual per (QSI004- Fusion Welds	0.00	,			3	8	13-0	7-15
Quality Control		Memo		0.00						•	

DQA:			Date:						•			;		
						WORK ORDER NON-	-CC	ONFO	RMANCE / UPDATE			;		
QA Closed:			Date:							W	ork Order up	date only		(EKOO7 AOE
Work Orde	er:					DISPOSITION			AGAINST	DE	PARTMENT	/PROCESS		
Part N	•					Rework Scrap Use-as-is Suspected Unapproved			Skid-tube Crosstube Machining Small Fab noforming - Finishing Large Fab Composite		1	Water Jet d. Eng. Coor. e/Packaging Supplier		Quality Other
Root					Desci	ription of work order update	1	nitial	Action		Sign &	:		·
Cause		Date	Step	Qty		or non-conformance	Ch	ief Eng	Description		Date	Verification	QC QC	Inspector
Design Doc/Data Equip/Tooling Handling/Pre Material Operator Offset/Setup Process Supplier Training Transport Unapproved	ng P													
Onapproved			<u>!</u>	L	<u> </u>		FΔI	HTCAT	l regory		<u> </u>			· · · · · · · · · · · · · · · · · · ·
Landii	ng (Gear				General		JEI CA	- COOKI			. <u>;</u>		
		Bending Centre No Cracks Crimp/Kir Cuffs Crushing	nk/Ripple			Bend BOM/Route Broken/Damage/Defect Burrs Contamination Countersink		Grain Hardwa Inspecti Instruct Misalig	ion Incomplete/Unqualified ions Incomplete/Unclear ned/off center		Outside Dim Over/Under Part Incorred Part Lost/Mi Part Moved Positioned V	tolerance ct ssing Vrong	Set-up Temper Weld Wrong	e/Forced rature/Cure Stock Pulled
		Heat Trea		T., L -	\vdash	Cut Too Short	\vdash	Mislabe			Power Loss/	Surge	Other	
		Inspection		ıube	\vdash	Drawing	-	Misread						
		Marks/Ch			-	Drill Holes	-	Off-set				i 		
		Turning So			-	Finish	-		Calibration					
		Wave/Tw	ist in Tub	je		Fit/Function		Out of S	Sequence			1		

Quality Control

Work Orde Thursday, July (*103	1925*							Page 2
Item ID: Revision ID: Item Name:	D3920-041 Seatbelt Guid	lo Accambly		Accept	*N900	040	100)*	Setup	Start Stop		S1*
Nem Name: Start Date: Required Date: Reference:	7/4/2013	Start Qty: 6.00 Req'd Qty: 6.00	*6* *6*		Cust Item I Customer:	D:				эсор	*N:	S2*
Approvals:		an:				ate:			Run	Start Stop		₹1* ₹2*
Sequence ID/ Work Center II 140 *140* QC Quality Control	D	Operation Description QC5- Inspect part compl	eteness to step on W/O	Set Up/ Run Hours 0.00 0.00	Al looT	Tool #	Plan Code	Accept Qty	Rej Qty		Reject Tumber	Insp. Stamp
*150 *150* HandFinish Hand Finishing		Chemical Conversion Co	oat per QSI005 4.1	0.00				3		A !	3-77	16.
¹⁶⁰ *16∩*		QC7-Inspect Chemical C	Conversion Coat	0.00				.3	4		13-	7-19

0.00

Memo

DQA:			Date:									•		7
						WORK ORDER NON-	-CC	ONFO	RMANCE / UPD	ATE			AEROSPA	. U .CE
QA Closed:			Date:	-						Wo	ork Order up	date only		
Work Orde	er:					DISPOSITION				AGAINST DE	PARTMENT	PROCESS		
	-				_	Rework			Skid-tube C	Crosstube		Water Jet	Engineering	ן ר
Part N	No.					Scrap				Small Fab	Pro	d. Eng. Coor.	Quality	7
		, -				Use-as-is		Therr	noforming	Finishing	Rec/Stor	e/Packaging	Other O	
NCR N	۱o. ₋					Suspected Unapproved			Large Fab Co	omposite		Supplier		
Root		· · · · · · · · · · · · · · · · · · ·			Desci	ription of work order update	l	nitial	Action		Sign &			
Cause		Date	Step	Qty		or non-conformance	Ch	ief Eng	Description	on	Date	Verification	QC Inspecto	r
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		Cracks				Broken/Damage/Defect		Hardwa	are		Part Incorred	rt -	Temperature/Cui	re
		Crimp/Kir	nk/Ripple	/Wave		Burrs		Inspect	ion Incomplete/Unqua	alified	Part Lost/Mi	ssing	Weld	
		Cuffs				Contamination		Instruc	tions Incomplete/Uncl	ear	Part Moved		Wrong Stock Pull	ed
		Crushing				Countersink]Misali	gned/off center		Positioned W	/rong	<u>.</u>	
		Heat Trea	it			Cut Too Short		Mislab	eled		Power Loss/:	Surge	Other	
	Ш	Inspection	n Strip in	Tube	L	Drawing		Misrea	d	_ 			1	
		Marks/Ch	atter			Drill Holes		Off-set						
		Turning S	equence			Finish		Out of	Calibration					
		Wave/Tw	ist in Tub	e		Fit/Function		Out of	Sequence				:	

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Work Ord Thursday, July				*10?	1925*				Page 3
Item ID: Revision ID:	D3920-041			Accept	*N900040	100*	Setup	Start	*NS1*
Item Name:	Seatbelt Guid	e Assembly						Stop	*NS2*
Start Date: Required Date:	7/4/2013 : 7/18/2013	Start Qty: 6.00 Req'd Qty: 6.00	*6* *6*		Cust Item ID: Customer:				
Reference:			n		customer.				
Approvals:	Process Pla	nn:	Date:	Tooling:	Date:		Run	Start	*NR1*
	QC:		Date:	SPC (Y/N):	Date:			Stop	*NR2*
Sequence ID/ Work Center I	D	Operation Description		Set Up/ Run Hours	Tool ID Tool #	Plan Acce Code Qty	pt Re Qt		Reject Insp. Number Stamp
170		Grey Sandtex(Ref:4.3.5.6	5) per QSI005 4.3	0.00		3	A		bl 13-7-18.
Powdercoat		Memo	19:00	0.00			$-\varphi$	<i>!</i>	15716.
Powder Coating		START TIM OVEN TEM FINISH TIM	PERATURE:	20°					
180		QC3- Inspect Part Finish		0.00		a			
1 8 0				3,0		3			
QC Quality Control		Memo		0.00 13.7	18				
190		Receive & Inspect for Da	mage & Mat'l Certs	0.00					
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Packaging Packaging		Memo	Q 10200	0.00		. =. 1			
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Packaging

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	-					Rework]		Skid-tube	Crosstube	7	Water Jet		Engineering
Part N	No.					Scrap	1 1	1	Machining	Small Fab	Pro	d. Eng. Coor.		Quality
						Use-as-is		Thern	noforming	Finishing	Rec/Sto	re/Packaging		Other
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Handling/Pre							İ	•				!		
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Operator														
Offset/Setup												'		
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		Bending				Bend		Folio/F	rogram		Outside Dim	ensions]	Pressure/Forced
		Centre No	ot Concer	ntric		BOM/Route		Grain			Over/Under	tolerance		Set-up
		Cracks			L	Broken/Damage/Defect		Hardwa	ire		Part Incorred	ct [Temperature/Cure
	Ш	Crimp/Kir	ık/Ripple	/Wave		Burrs		Inspect	ion Incomplete/U	nqualified	Part Lost/Mi	ssing		Weld
	Ш	Crimp/Kink/Ripple/Wave Cuffs				Contamination		Instruct	ions Incomplete/	Unclear	Part Moved			Wrong Stock Pulled
		Crushing				Countersink		Misalig	ned/off center		Positioned V	Vrong _	1	
		Heat Trea	it			Cut Too Short		Mislabe	eled		Power Loss/	Surge		Other
	Ш	Inspection	n Strip in	Tube		Drawing		Misread	t				-:-	
	Ш	Marks/Ch	atter			Drill Holes		Off-set					-	
	Ш	Turning S	equence			Finish		Out of (Calibration				1	
	Ш	Wave/Tw	ist in Tub	e e		Fit/Function		Out of 9	Sequence				!	

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Work Orde				*103	3925*							Page	4
Item ID: Revision ID: Item Name:	D3920-041 Seatbelt Guide	: Assembly		Accept	*N900	040	100)*	Setup	Start Stop		S1* S2*	
Start Date: Required Date: Reference:	7/4/2013 7/18/2013	Start Qty: 6.00 Req'd Qty: 6.00	*6* *6*		Cust Item I Customer:	D:							
Approvals:			Date:	Tooling: SPC (Y/N):		ate:			Run	Start Stop	*N *N	R1* R2*	
Sequence ID/ Work Center II 200)	Operation Description QC21- Final Inspection -	Work Order Release	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Rej Qty		Reject Number	Insp. Stamp	
200 QC Quality Control		Memo		0.00				<u>M</u> .	,5	_13	-FO-	W	

pl 13-07-19

DQA:			Date:											
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QA Closed:			Date:						<u> </u>	Wo	ork Order up	date only		
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	-				_	Rework			Skid-tube	Crosstube		Water Jet		Engineering
Part N	lo.					Scrap	1	ı		Small Fab	Pro	d. Eng. Coor.		Quality
			·····		_	Use-as-is		Thern	noforming	Finishing	1	e/Packaging		Other
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	-	Centre No	ot Concer	ntric		BOM/Route	Ш	Grain			Over/Under		_	Set-up
		Cracks				Broken/Damage/Defect		Hardwa			Part Incorred		_	Temperature/Cure
		Crimp/Kir	ık/Ripple	/Wave	<u> </u>	Burrs		· ·	ion Incomplete/Unqu		Part Lost/Mi	=	+	Weld
	Н	Cuffs			-	Contamination	<u> </u>		ions Incomplete/Unc	lear	Part Moved		L	Wrong Stock Pulled
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	-	Heat Trea				Cut Too Short	_	Mislabe		<u></u>	Power Loss/	Surge	Ļ	Other
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	Н	Marks/Ch			<u> </u>	Drill Holes	<u> </u>	Off-set					i	· · · · · · · · · · · · · · · · · · ·
	$\vdash \vdash$	Turning S			<u> </u>	Finish	<u> </u>	l	Calibration				:	
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Thursday, July 04, 2013 11:35:29 AM

Work Order ID:

103925

Parent Item:

D3920-041

Parent Item Name:

Seatbelt Guide Assembly

Start Date: 7/4/2013

Required Date: 7/18/2013

Start Qty: 6.00

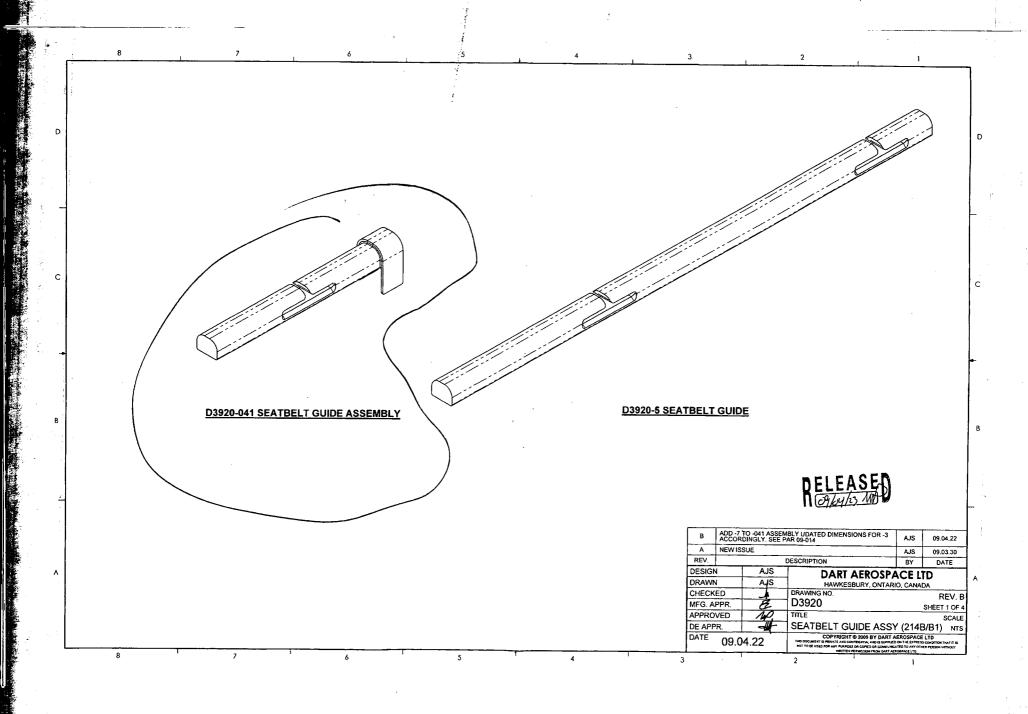
Required Qty: 6.00

Comments:

IPP REV:A 13.07.04 AS PER DWG REV.B DD VERF:JFS

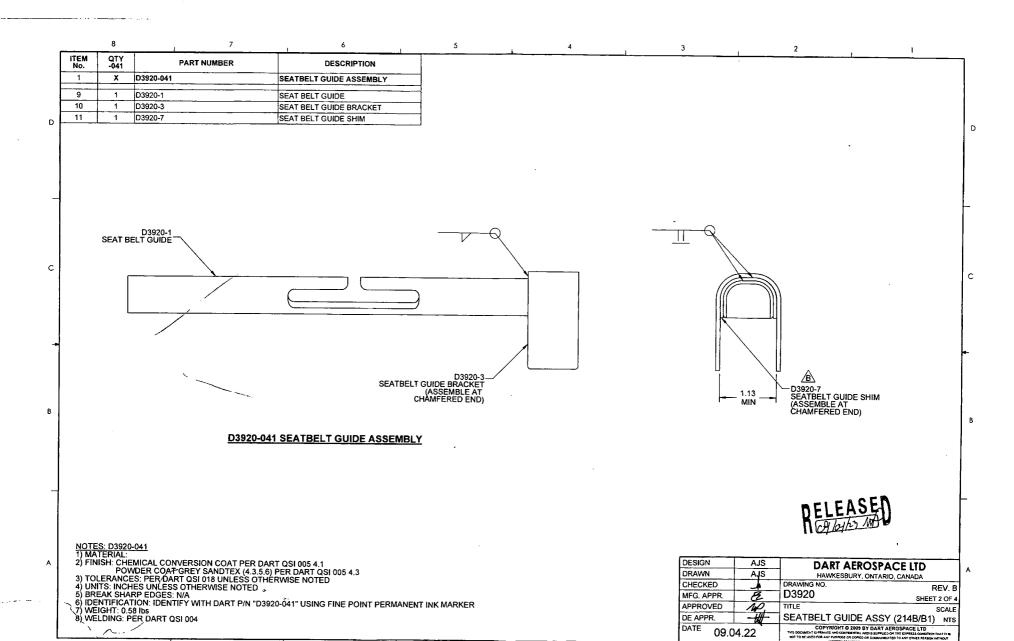
Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status	
D3920-1		Manufactured	No				Each	0.0000	0:	6				Ωħ
Seatbelt Guide									P103	498 -	5	13-0	7.15	10
D3920-3		Manufactured	No				Each	3.0000		6				0.0
Seatbelt Guide Bracket									d-			13>-0	<u>ा-।२</u>	راع
				Location		Loc Qty	<u>Lo</u>	oc Code						
D3920-7 Seatbelt Guide Shim		Manufactured	No	ST248	54	3	Each	5.0000	3	<u>6</u>		13	21.10-15	_E PD
				Location	•	Loc Oty	Lo	oc Code						
				ST248	86	5			3					

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Work Orde	er:					DISPOSITION				AGAINST D	EPARTMEN	T/PROCESS		
	-					Rework	1		Skid-tube	Crosstube	7	Water Jet	\Box	Engineering
Part N	١o.					Scrap			Machining	Small Fab	⊢ Pr	od. Eng. Coor.	-	Quality
	-					Use-as-is	1		noforming	Finishing	⊣ 1	ore/Packaging	-	Other
NCR N	١o.					Suspected Unapproved			Large Fab	Composite		Supplier		
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Cause		Date .	Step	Qty		or non-conformance	Ch	ief Eng	Des	cription	Date	Verificatio	<u>n</u>	QC Inspector
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	\vdash	Bending	_		-	Bend .	\vdash	1	rogram	<u> </u>	Outside Di		<u> </u>	Pressure/Forced
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		Wave/Tw	ist in Tub	oe		Fit/Function		Out of S	Sequence				i	



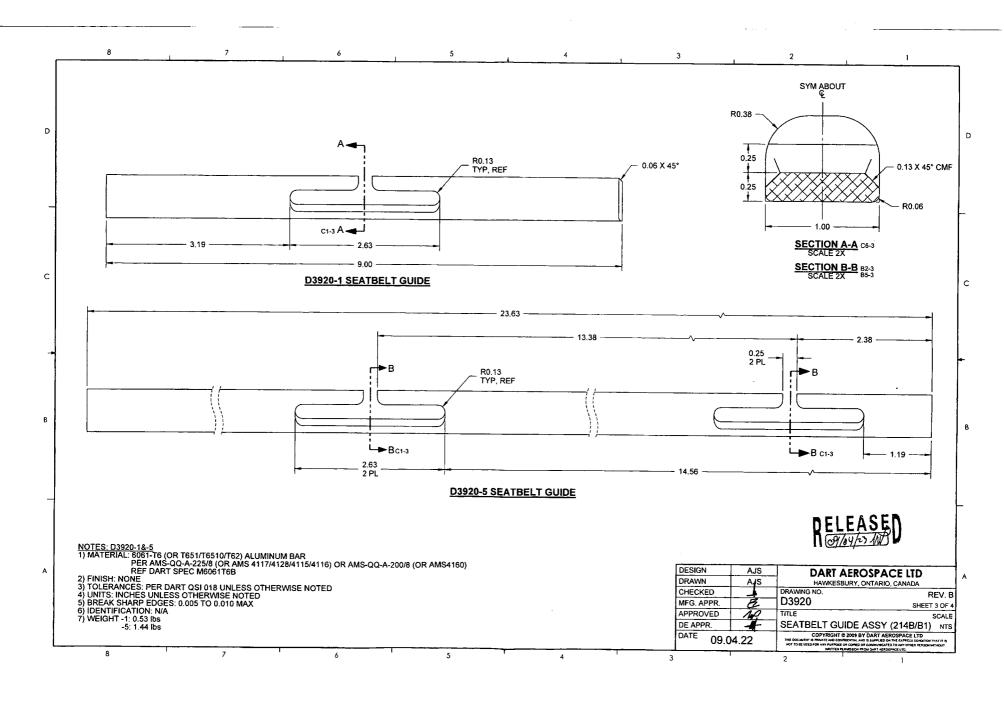
DQA:			Date:											•	
						WORK ORDER NON-	-CC	ONFO	RMANCE / U	JPDATE			!		AEROSPACE
QA Closed:			Date:								Wo	ork Order up	date only		
Work Orde	er:					DISPOSITION				AGAINST	DE	PARTMENT	/PROCESS		
	-		-			Rework	1		Skid-tube	Crosstube			Water Jet	Γ	Engineering
Part N	lo.					Scrap			Machining	Small Fab		Pro	d. Eng. Coor.		Quality
	_					Use-as-is			noforming	Finishing			re/Packaging	Г	Other
NCR N	10			·- <u></u>	_	Suspected Unapproved			Large Fab	Composite		•	Supplier		
Root			ı		Descr	ription of work order update	1	nitial	Ac	ction		Sign &		_	
Cause		Date	Step	Qty		or non-conformance	Ch	ief Eng	Desc	cription		Date	Verificatio	n	QC Inspector
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		Wave/Tw	ist in Tub	oe		Fit/Function		Out of S	Sequence					_!	

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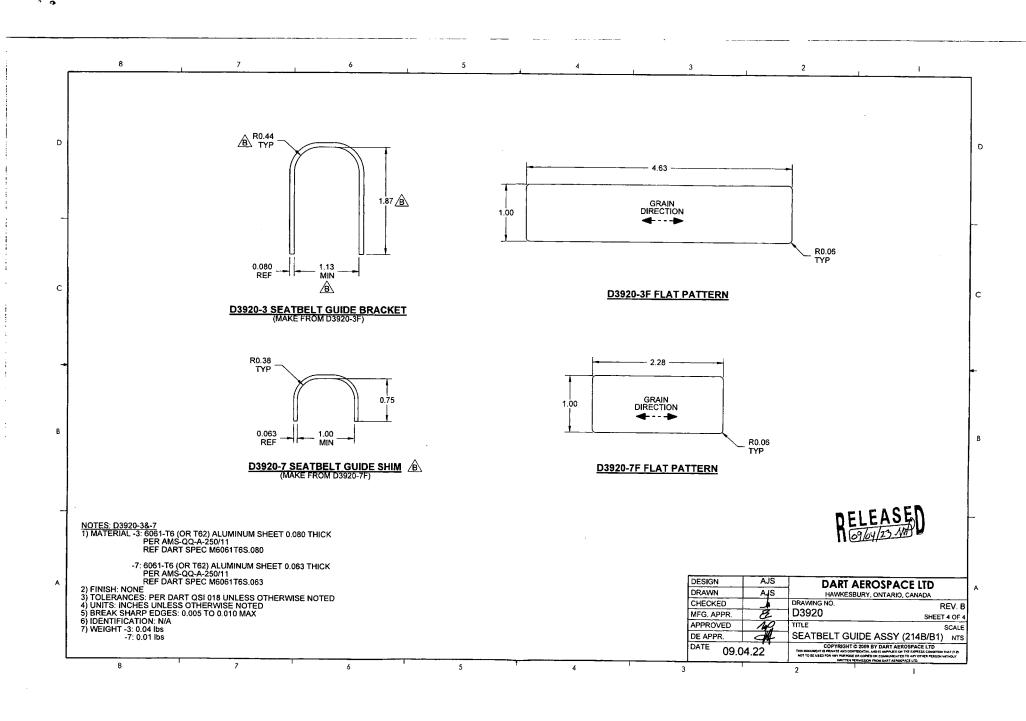
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Work Orde	ır:					DISPOSITION				AGAINST	DE	PARTMENT,	/PROCESS	i :	
Part N	o					Rework Scrap Use-as-is		!	Skid-tube Machining	Crosstube Small Fab Finishing		1	Water Je		Engineering Quality
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}	Crushing Heat Treat				\vdash	Cut Too Short	\vdash	Mislabe	ned/off center		_	Positioned V	•	+]
-	Inspection Strip in Tube						-	1			L	Power Loss/	Surge	Ļ	Other
}	Inspection Strip in Tube Marks/Chatter					Drawing Drill Holes	-	Misread Off-set	ı				 	$-\dot{+}$	· · · · · · · · · · · · · · · · · · ·
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DQA:	DQA: Date:					<u></u>									
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QA Closed.			Date.			·					VV	ork Order up	date only		
Work Order:						DISPOSITION		AGAINST DEPARTMENT/PROCESS							
				-	_	Rework	1		Skid-tube	Crosstube]	Water Jet		Engineering
Part N	lo.					Scrap	1	Machining Small Fab				Prod. Eng. Coor.			Quality
	 ,					Use-as-is	1 1		noforming	Finishing		Rec/Store/Packaging			Other
NCR N	lo					Suspected Unapproved]		Large Fab	Composite		Supplier			
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Root		.	ر. ا	<u> </u>	Desci	ription of work order update		Initial		ction		Sign &			
Cause	Dat	e	Step	Qty		or non-conformance	Ch	ief Eng	<u>Description</u>			Date	Verificatio	n	QC Inspector
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	Bending					Bend		Folio/P			Outside Dim	ensions	r	Pressure/Forced	
	Centre Not Concentric					BOM/Route		Grain				Over/Under	tolerance		Set-up
	Cracks					Broken/Damage/Defect		Hardware				Part Incorrect			Temperature/Cure
	Crimp/Kink/Ripple/Wave					Burrs		Inspection Incomplete/Unqualified				Part Lost/Missing			Weld
	Cuffs					Contamination		Instructions Incomplete/Unclear				Part Moved		Wrong Stock Pulled	
	Crushing					Countersink		Misaligned/off center			Positioned Wrong				_
	Heat Treat					Cut Too Short		Mislabeled				Power Loss/	Surge		Other
	Inspection Strip in Tube					Drawing		Misread			-				
	Marks/Chatter					Drill Holes		Off-set					1		
	Turning Sequence					Finish	L	Out of Calibration					1		
	Wave/Twist in Tube					Fit/Function		Out of 9	Sequence					ī	

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Root					Desci	ription of work order update	I	nitial	Action		Sign &	*		
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Design Doc/Data												:	·	
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	E	Bending Centre No	ot Concer	ntric		Bend BOM/Route		Folio/P Grain	Program	\vdash	Outside Dimensions Over/Under tolerance		Pressure/Forced Set-up	
		Cracks				Broken/Damage/Defect		Hardwa			Part Incorrect		Temperature/Cure	
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